(No Model.)

C. L. BELLAMY.

OIL CAN.

No. 438,396. Patented Oct. 14, 1890.

Fig. 1.

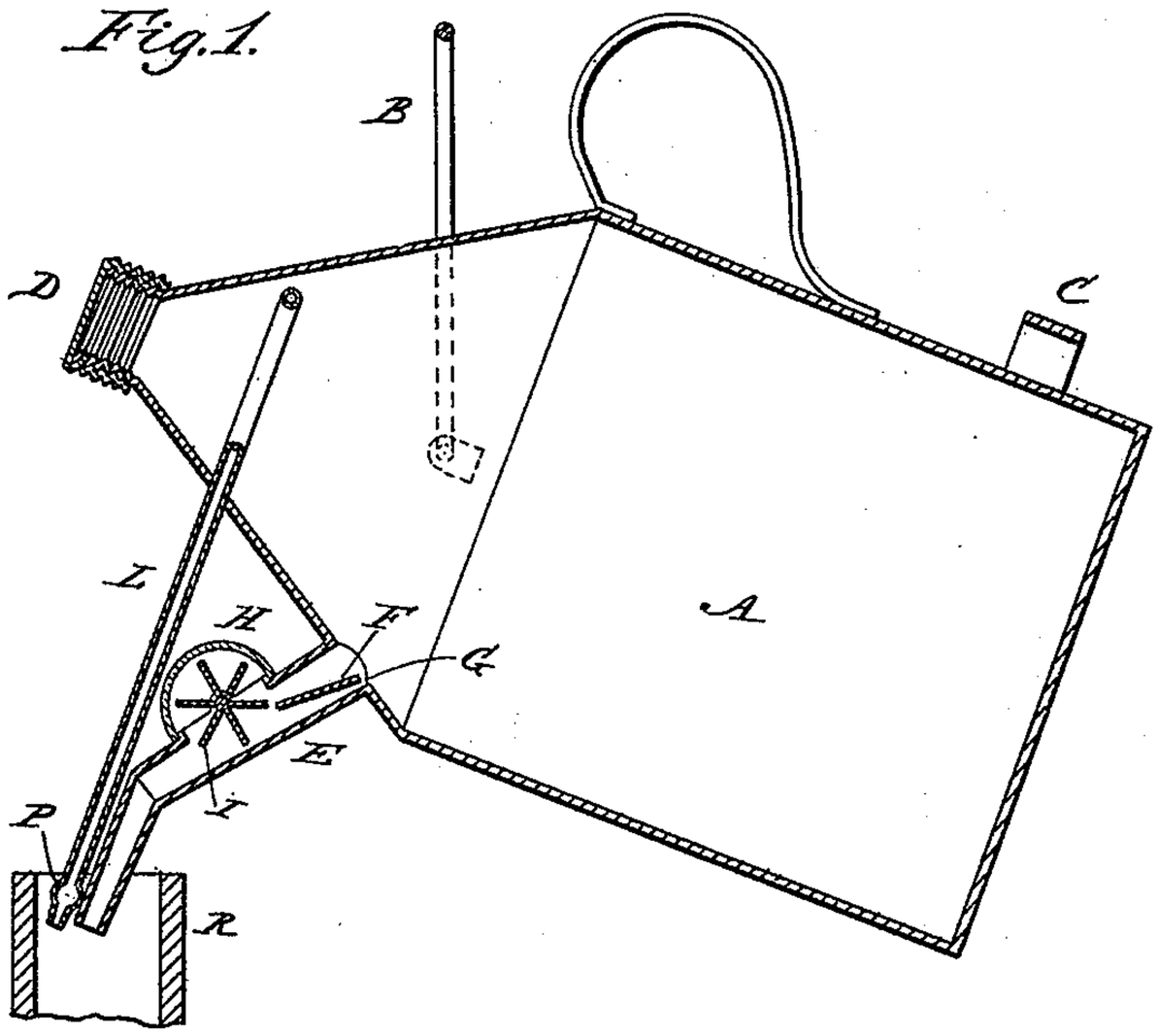
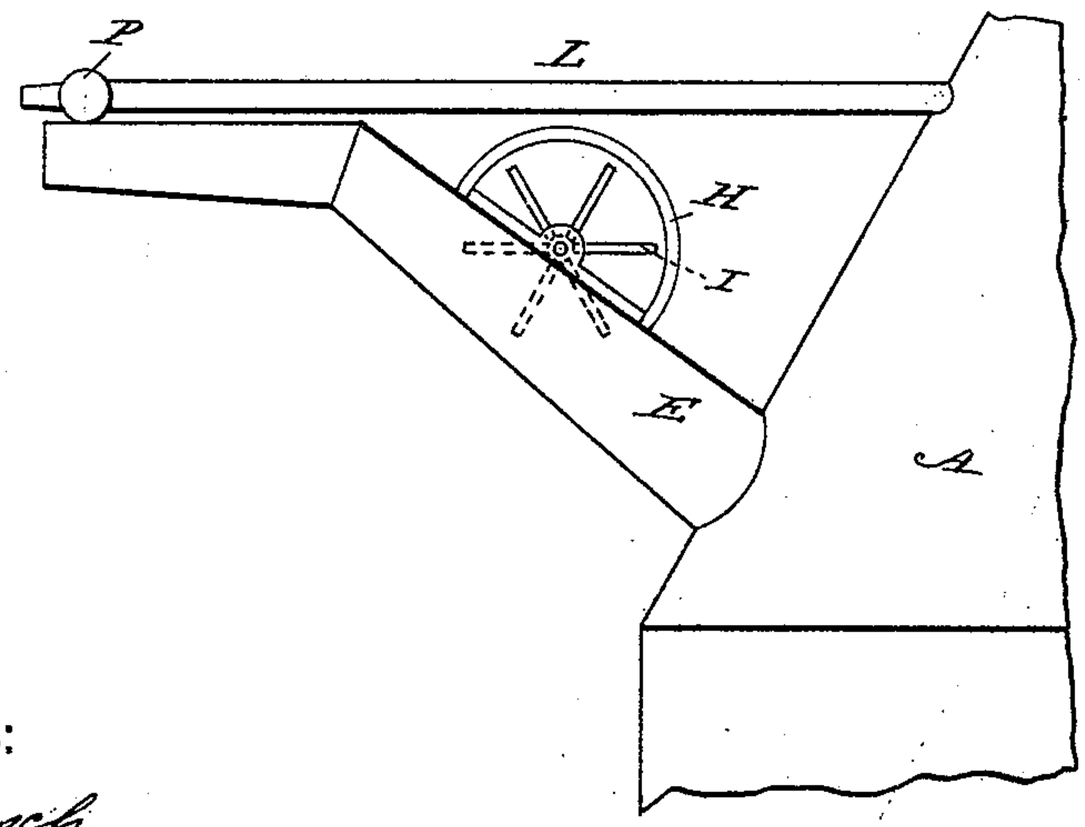


Fig. 2.



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OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 438,396, dated October 14, 1890.

Application filed May 17, 1890. Serial No. 352,157. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. BELLAMY, a citizen of the United States, and a resident of Arlington, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Oil-Cans, of which the following is a specification.

My invention relates especially to the construction and arrangement of oil-cans employed for filling lamps, &c., and has for its object the provision of means and mechanism whereby the user of the can will be notified when the receptacle being filled has received the requisite quantity of oil, and at the same time the flow of oil will be automatically stopped.

To attain the desired end, my invention consists, essentially, in an automatic overflow-check nozzle provided with a visual indicator and in certain novel and useful combinations or arrangements of parts and peculiarities of construction and operation, all of which will be hereinafter first fully described, and then pointed out in the claims.

In the drawings, Figure 1 is a sectional view of a can to which my device is applied, showing the construction, arrangement, and method of operation of the parts. Fig. 2 is a side view of a portion of the can, showing the visual indicator.

Like letters of reference wherever they occur indicate corresponding parts in both the figures.

A is the body of the can.

B is the bail or handle; C, the finger-piece, and D the filler.

E is the oil-spout, provided with a partition F, so arranged as to throw the body of the escaping oil toward the upper side of the spout. A small passage or drip G is left below the inner end of said partition.

H is a glass box or chamber secured upon the spout E, and I is a wheel, the wings whereof project up into the chamber H and down into the spout E.

L is an air-tube extending from within the can near the top thereof to the extremity of the oil-spout, where it terminates in an enlargement P.

When constructed and arranged in accordance with the foregoing description, the operation of my device is as follows: When it is desired to supply oil, as to a filler R of an oil pot or fount, the flowing oil will cause the wheel I to rotate, its movement being plainly seen by the operator. Air passes to the interior of the can through the tube L. When the oil has reached the level of the outlet from the oil-spout and the inlet for air, the inflow of air will at once be cut off, thus stopping the flow of oil, and consequently the rotation of the wheel I, notifying the user that the lamp or other oil-pot is full. The vacuum formed in the can will cause a small portion of the oil to enter the enlargement at the outer extremity of the air-supply, effectually sealing the same, and no more oil can be poured from the can until it is smartly shaken or put down upon its bottom.

Having now fully described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, an oil-can provided with an automatic overflow-check nozzle and indicator, in which is comprised a liquid-discharge tube, a separate air-admitting tube, and a movable mechanical visual indicator, substantially as shown and described.

2. The combination, with an oil-can, of an overflow-check nozzle provided with a movable mechanical visual indicator, substantially as shown and described.

3. The combination, with an oil-can, of an automatic overflow-check nozzle and indicator, in which is comprised an inlet for air, an outlet-spout for oil, a transparent chamber mounted upon the outlet-spout, a partition located in the oil-passage above the chamber, as set forth, and a mechanical movable indicator within said chamber, substantially as shown and described.

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Witnesses:
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